

(DC-4911)

Freedom and Necessity in Marxist Doctrine,  
by Kuo Yeh-cheng, 4 pp. OFFICIAL USE ONLY

CHINESE, np, Anhwei Jih-pao, 30 Aug 1960.

JPRS 8126

FE - China

150,789

Pol

May 61

(DC-4015).

At High Speed Nurture Socialist Utilization of  
Man's Capabilities, by Kuo Ying-ch'iu, 5 pp.

CHINESE, np, Jen-min Jih-pao, 7 Apr 1960, p 12.

JPRS 3877

FE - China  
Econ  
Sep 60

126,005

(NY-5811)

The Electron Oscillation Phenomenon in A B-A  
Type Ionization Vacuum Gauge, by Kuo  
Yuan-heng, 7 pp.

CHINESE, per, Wu-li Hsueh-pao, Vol XV,  
No 11, 1959, pp 603-608.

JPRS 7804

Sci - Phys  
Jul 61

161, 315-

(B6-3539)

"WHEN THE WORDS ARE NOT DEFINED, ONE CANNOT  
GO FAR", BY KUO YEH-CHI, 3 PP.

CHINESE, PER, MNG CHI'I, NO 15/16, 1962,  
PP 63-65.

JPM/JM

FE - CHINA  
SOC. LITERATURE  
SEP 62

309,437

Schistosomiasis and Its Control, by Kuo Tung-hua (6753 3293 5476), 6 pp.  
CHINAS, per. Yao-tung Hsueh-kuo, No 12,  
1964, pp. 460-462.  
3293 30881

PR-China  
Sci-B/M  
Jul 65

232,932

(NY-5363)

More on the Problem of Unity of Thought and  
Existence, by Kuo Yush-cheng, 31 pp.

CHINESE, per, Che-hsueh Yen-chiu, No 3, 1960,  
pp 27-36, 53.

JPRS 7139

PE - China

Pol

138, 810

Feb 61

( DC-4911 ).

Freedom and Necessities, by Kuo Yueh-cheng, QUO,

CHINESE, np, Anhwei Jih-pao, 30 Aug 1960.

\*JPRS

FE - China

Pol

30 Nov 60

(DC-2930).

Advantages of Hydraulic Coal Mining Based on  
Actual Cost Reductions, by Kuo Yung-fang, Wei  
Chung-fang, 5 pp.

CHINESE, per, Mei-t'an Kung-yeh, No 9,  
4 May 1958, pp 32,33.

JPRS-887-D

95, 594

PE - China  
Econ - Coal Industry  
Sep 59

A Leakageless Ultra-High Vacuum Valve, by Kuo  
Yuan-Heng. UNCL

CHINESE, per, K'o-hsueh T'ung-pao, No 14,  
1957, yxk2 p 432.

DSIS, DRB, Canada  
T 4 C

SLA 58-584

Sci - Engr  
Jun 59

89,574

J-611/64

Two Articles by Kuo Yung-Huai.

CHINESE, np, per.

\*JPRS/SPECIAL/SF-3132

FE - China

~~SMIL~~

Apr 64

62  
Book Review: "A Course in Paleontology" by  
Yang Tsun-i and Associates (Published by  
Geological Press, 1957), by Tuo Yung-ling  
(6753/0516/1545). 6 pp.  
CHINESE, per. Ti-chih Lun-p'ing, Vol 18, No 3,  
May 1958, pp. 247-250.  
JPRS 37982

FE-China  
Sci-ES/O  
Oct 66

Tuo Yung-ling  
H. M. S.

312,078

(PDD 20112)

Report on the Rationing and Supply of Sugar (China), by  
Yung-ting, Kuo Yung-sheng, 19 77.

CHINESE, no per, Chung-yang Yin-heng Yueh-pao, Vol III,  
No 4, Shanghai, Apr 1948, pp 48-54.

CIA/PDD/U-5701

ME - China  
Econ

12,460

Apr 54 CTS

(DC-6857)

STUDIES OF THE NERVOUS SYSTEM IN SILICOSIS, BY  
KUO YU-YING, LIU YIN-TSENG, 45 PP.

CHINESE, DOCUMENT, CH'ING-CHU CHIEN-KUO SHIH-CHOU-  
NIEN I-HSUEH K'IO-HSUEH CH'ENG-CHIU LUN-WEN CHIA-HSIA  
CHUAN, PEIPING, DEC 1959, PP 505-520.

JPRS 15148

SCI - MEDICINE

SEP 62

210,741

Deoxidation of Steel with Complex Alloys of  
Silicon, Manganese and Aluminium, by Kuoang An-Min,  
V.A. Mcchedilivily, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdeł Tekh Nauk,  
Metall i Toplivo, No 4, 1962, pp 31-39.

SIC

Sci

3411, 280

Mar 63

128  
Radiation Reconnaissance, by M. Kuosa, 13 pp.  
FINNISH, rpt, pp 537-545,  
ACSI J-3730  
ID Intel to 2831014167

Sci-Nuclear Sci  
Feb 68

KUOSA  
M. ~~KUOSA~~

347,466

On the Composition and Structure of Pyrrhotite, by Olavi Kuova, Y. Vuorelainen.

FINNISH, per, Geologi, No 6, 1962.

Dept of Interior  
G(579) H368

Sci-W/M  
Jan 64

~~246.291~~

246.291

Universal Sewing Chains, by V. A. Kuosman, M. M.  
Drekhslar, 12 pp.  
RUSSIAN, per, Lesnaya Promyshlennost, No 2, 1956,  
pp 11-15.

SLA Tr R-675

Sci - Engineering

53, 115

Sep 57

Influence of Lendin's Ideas on Development  
of the Doctrine of Higher Nervous Activity.  
by P. Kugelov, A. Volokhov, 6 pp.

RUSSIAN, 21<sup>pp</sup> per, Zhur Vseshej Nerv  
Deyatel imeni I. P. Pavlova, Vol X,  
No 2, 1960, pp 161-166.

PP

Sci

198,368

Feb 62

Use of Geophysical Methods of Prospecting in the  
Search for Oil in Foreign Countries, by I. K.  
Kupalov-Yaropolk, 5 pp.

RUSSIAN, ber, Geol Nefti i Gaza, Vol III, No 9-B,  
1959, pp 58-60.

RRG

165, 453

Sci

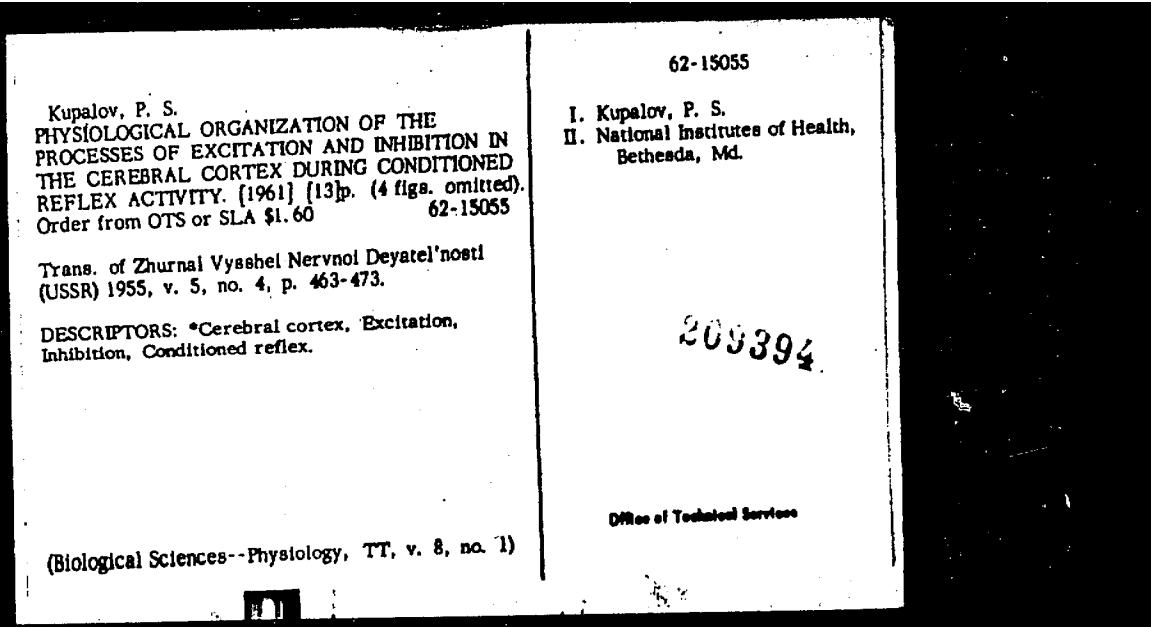
Aug 61

I. P. Pavlov on Types of Higher Nervous Activity,  
by P. S. Kupalov, 31 pp.  
ROSSIAN, per, Metodika Issledovaniya Tipologicheskikh  
Osnovannostey Vyschey Nervnoy Deyatel'nosti  
Zhivotnykh, 1964, pp 5-31. P100183668-V  
FTD-MI-67-186

55

P S Kupalov  
Sci/Bill  
Aug 68

364.832



(NY-6502)

Problems of Physiology and Pathology of  
Higher Nervous Activity, by P. S. KEPB  
Kupalov, V. D. Bykov, G. M. Nikitina,  
3 pp.

RUSSIAN, per, Zhur Vysshay Nervnoy  
Deyatel'nosti, Vol. XI, No 3, 1961.  
pp 572-575.

JPRS 11392

179,565

Sci - Med  
Dec 61

Aminazine Function on Nerve Processes of Upper  
Cerebral (Brain) Sections<sup>1</sup>, by N. P. Murevjeva, I. P.  
Pavlov, P. S. Kipalov, 25 pp.

RUSSIAN, per, Zbir' Neiropatologii i Psichiatrii  
Imeni S. S. Korsakova, Vol IX, 2nd ed, 1960.

CIA/FDD X-4588

Sci - Medicine  
Mar 61

141,609

Pathological Irradiation of the Inhibition Process, by P. S. Kupalov, N. P. Murav'yeva,  
9 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel  
imeni I. P. Pavlova, Vol IX, No 3, 1959,  
pp 374-382.

PP

Sci

195,041

May 62

S-4562

(NY-1843)

Basic Characteristics of the Development of the  
Physiology of Higher Nervous Activity After the  
Great October Socialist Revolution, by I. V.  
Danikov, P. S. Kupalov, 17 pp.

RUSSIAN, per, Fiziol Zhur SSSR, Vol XLIII, No 11,  
Moscow, Nov 1957, pp 1008-1020.

US JPRS/NY-L-358

Sci - Medicine

74, 985

131, 912:

Differentiation of Conditioned Space Stimuli, by  
P. S. Kupalov, M. M. Khannashvili, 12 pp.

RUSIAN. ser. Zhur Vyschey Nervnoy Deyatel'nosti,  
vol X, no 3, 1960, pp 305-312.

MRC 5936

see - file

Rev 66

131, 912

Main Features in the Development of the Physiology  
of Higher Nervous Activity Since the Great Oc-  
tober Socialist Revolution, by I. V. Danilov and  
P. S. Kupalov, 11 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova,  
Vol XLIII, No 11, 1957, pp 1008-1020.

Pergamon Inst

Sci - Med  
Nov 58

76,086

(2410-W)

The Status of and Prospects for the Problem  
"The Physiology and Pathology of Higher Nervous  
Activity," by P. S. Kavalov, 6 pp.

RUSIAN, per, Vest Akad Med Nauk SSSR, Vol XXXI, No  
12, Moscow, 1958, pp 55-58.

JPRS L-46-W

Sci - Med - Neurology  
May 59

86,080

S-4970

(NY-2410)

C

Consciousness and Higher Nervous Activity, by P. S.  
Kupalov, 6 pp.

RUSSIAN, par, Vest Ak Med Nauk SSSR, Vol XIII,  
No 12, Moscow, 1958, pp 3-6.

JPRS L-742-5

Sci - Med, neurology  
May 59

86, 535

Unconditioned alimentary reactions in the frog, by  
P. S. Kupelov and the late B. I. Stosarov, 22 pp.

RUSSIAN, par, Pis Zhur SSSR imeni I. M. Sechenova,  
Vol XXXI, No 7, 1957, pp 619-621

Pergamon Institute

Sci + Phys

Jul 58

66,549

Situational Conditioned Reflexes in  
Normal and Pathological Dogs, by  
P. S. Kupalov, O. N. Vayevodina, et al.  
RUSSIAN, bk. Situatsionnyye Psichologicheskiye  
Refleksy u Sevak v Norme i Patologii.  
1964, 275pp.  
\*FTD LT 23-810-67

49

P. S. Kupalov

B64  
May 67

Determination of Nervous-System Type in Dogs  
by the Food Motor Method, by P. S. Kupalov,  
24 pp.  
RUSSIAN, per. Metodiki Izuchenija Tipologicheskikh  
Osobennostey Vyschey Nervnov Deyatel'nostj  
Zhivotnykh, 1964, pp 43-61. F100183668-V  
FTD-HI-67-186

55

P.S Kupalov

Sci/B2A  
Aug 68

364,834

Use of Geophysical Methods of Prospecting in the  
Search for Oil in Foreign Countries, by I. K. Kupalov-  
Iaropolk, 4 pp.

RUSSIAN, per, Geol Nefti i Gaza, Vol III, No 9-B,  
1959, pp 58-60.

RRG

Sci

167, 218

Aug 61

(DC-5392)

Economist's Handbook, by G. Z. Kuparadze,  
471 pp.

RUSSIAN, bk, Spravochnik Ekonomista  
Promyshlennost' i Sel'skoye Khozyaystvo, 1960,  
pp 1-280, 575-587.

JPRS 8354

USSR

155, 091

Econ

... 61

(NY-5183)

Soviet Statistical Procedures and Definitions in  
Agriculture, by G. Z. Kupradze, 65 pp.

RUSSIAN, bk, Spravochnik Ekonomista, 1960, Part II,  
Chapter I, pp 157-190.

JPRS 7616

USSR

Econ

140, 314

Feb 61

Karbopol Plant Produces Novolak Resins, by  
F. I. Boyarkov, A. V. Kupava, 5 pp.  
RUSSIAN, per, Biyul Tekhnicheskoy Informatsii, No 12, 1963,  
pp 8-11.  
JPRS 23779

USSR  
Econ  
Mar 64            253, 091

Anode-Mechanical Belt Saw for Contour Metal Cutting, by N. I. Kireyev, V. V. Kupchenko.

RUSSIAN, no per, Stanki i Instrument, No 6, 1954, pp 31-33.

CIA/FDD Sum 978

USSR

35,678

Econ

USSR Production of Industrial Equipment (24)  
Jun 1956

Nesting of Bumblebees in the Komi ASSR, by  
L. M. Kupchikova, 7 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXVIII, No 3,  
1959, pp 540-545.

ABIS

Sci

Jan 61

136,236

<p>Kupchikov, L L THE POTENOT PROBLEM. Trans. on Soviet Geodesy 1925-40. 3 Jan 61, 4p, 1 ref. JPRS: R-113-N/26. Order from OTS \$0.50 61-11686 Trans. of Geodezist (USSR) 1935 [v. 11] no. 5, p. 46-48.</p> <p>(Earth Sciences--Geodesy, TT, v. 5, no. 6)</p>	<p>61-11686</p> <p>1. Geodesics--Theory 2. Title: Potenot problem I. Kupchikov, L L II. Title: Soviet... III. JPRS-R-113-N/26 IV. Joint Publications Research Service, New York</p>	Office of Technical Services
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------

<p>Kupchinov, I. I. LOGARITHMIC CIRCLE. Trans. on Soviet Geodesy 1925-40. 12 Jan 61, 6p. JPRS: R-113-N/67. Order from OTS \$0.50 61-21083</p> <p>Trans. of Geodezist (USSR) 1935 [v. 11] no. 12, p. 73-77.</p> <p>A circular slide rule is described.</p> <p>(Earth Sciences--Geodesy, TT, v. 5, no. 9)</p>	<p>61-21083</p> <p>1. Geodesics--Instrumentation 2. Title: Slide rule I. Kupchinov, I. I. II. Title: Soviet... III. JPRS-R-113-N/67 IV. Joint Publications Research Service, New York</p> <p>Office of Technical Services</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

The Adjustment of Directions in Triangulation Networks, by I. I. Kupchinov, 4 pp.

RUSSIAN, per, Geodez i Kartog, No 5, 1960,  
pp 11-18  
6

AGU

Sci

Jul 62

204,187

A Nomogram for the Computation of Corrections for Increases of Coordinates, by I. I. Kupchinov, 4 pp.

RUSSIAN, per, Geodesist, No 7, 1936, pp 62-64.

JPRS R-114-N/44

Sci - Eng - Geodesy

Feb 61

139,712

SLA: 61-21079

On the Rigorous Adjustment of Theodolite Traverse,  
by I. I. Kupchinov, 6 pp.

RUSSIAN, per, Geodesist, No 2, 1936, pp 39-43.

JPRS R-114-N/9

Sci - Eng - Geodesy

Feb 61

139,726

SI 1-1277

Logarithmic Circle, by I. I. Kupchinov, 6 pp.

RUSSIAN, per, Geodesist, No 12, 1935, pp 73-77.

JPRS R-113-X/67

Sci - Eng - Geodesy

Feb 61

139,730

The Role of Autocantigens and Autoantibodies in the Pathogenesis of Internal Diseases, by Yu. K. Kupchinskaya, 9 pp.

RUSSIAN, per, Klin Med, Vol XXXV, No 11, Moscow, Nov 1957, pp 31-36.

US JPRS/MY-L-410

Sci - medicine, Antibiotics, Pharmacology, immunology

17 Nov 58

76,887

Summary of the Scientific Activities of Academicians  
and Corresponding Members of the Department of  
Biological Sciences of the Academy of Sciences  
Belorussian SSR, by I. D. Yurkevich, M. M.  
Kupchynaw, 13 pp.

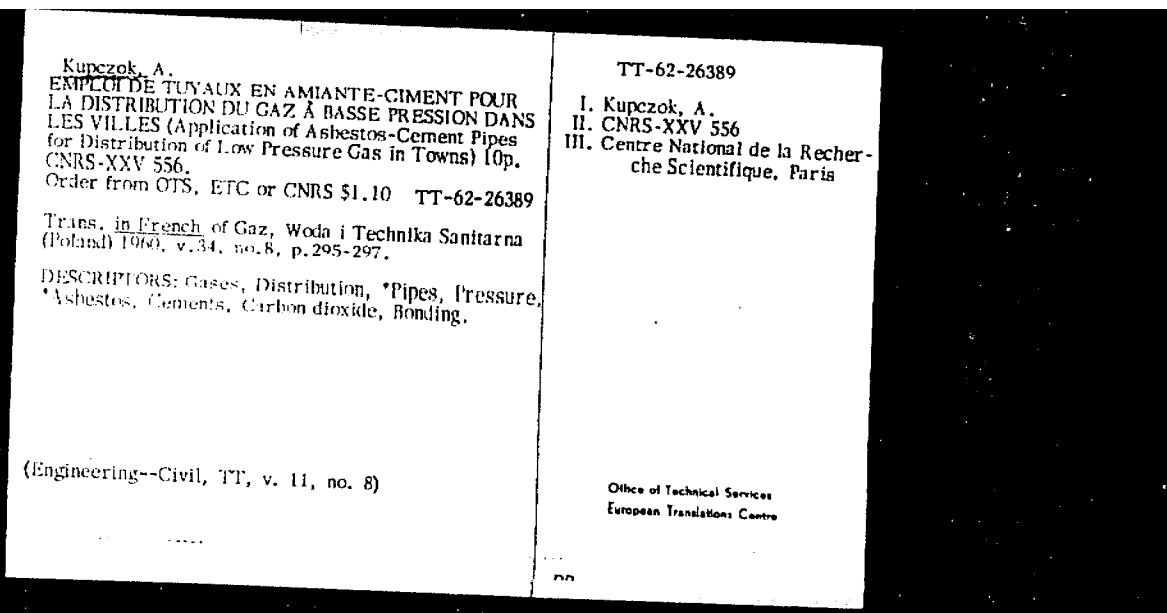
RUSSIAN, per, Vest Ak Nauk BSSR, Seryya Biyalagichnyi  
Nauk, No 2, 1961, pp 125-133.

JPRS 12071

USSR

180,949

Biog  
Feb 62



Process for the Preparation of Depot Bases for Therapeutically Active Substances, by A. Holasek, E. Kupelwieser, H. Lieb, 3 pp.

GERMAN, Patent 932,152, 25 Aug 1955.

SLAB# 60-14987

Feb 62

186,941

<p>Kuperman, G. M. RECLAIMING SULFURIC ACID SLUDGES FORMED IN OIL REFINING. [1961] 8p. 25 refs. Order from OTS or SLA \$1.10</p> <p>Condensed trans. of Zhurnal Prikladnoi Khimii (USSR) 1942, v. 15, p. 319-330.</p> <p>DESCRIPTORS: *Sulfuric acid, Separation, *Petroleum, Oil, Processing, Recovery, Electrolysis.</p> <p>[It was established that sulfuric acid can be reclaimed from acid sludge or black acid by electrolytic means. The concentration of the obtained acid can be raised to 92% by evaporation before or after the electrolytic treatment. The color of the finished acid is also quite satisfactory, and when determined with a Duboscq apparatus it ranges from 5.3 to 29.3 mm. Technical sulfuric acid, the color of which was determined at the plant to be 45.1 mm, showed a very small content of (Engineering--Chemical, TT, v. 6, no. 7) (over)</p>	<p>61-16648</p> <p>I. Kuperman, G. M.</p> <p>Office of Technical Services</p>	
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------	--

(SF-1082)

Bacteriological Weapons, by N. Kupenov, 2 pp.

BULGARIAN, np, Narodna Armiya, No 3663, Sofia,  
3 Jul 1960, p 2.

JPRS 4110

EEur - Bulgaria

Mil

Nov 60

SMTEE

S-641/60

(SF-10f2).

Bacteriological Weapons, by N. Kupenov,

BULGARIAN, np, Narodna Armiya, No 3663, 3 Jul 1960,  
p 2.

\*JPRS

EEur - Bulgaria

Mil - CBR Warfare

31 Aug 60

Designs for Electro Contact Gauging Heads Used  
in Mechanical Engineering, by N. N. Markov,  
B. M. Kuperman, 3 pp.

RUSSIAN, per, Stanki i Instrument, Vol XXXII,  
No 3, 1962, pp 34-36.

PERA

Sci

Nov 62

216,421

(NY-5090)

Cross-connection Wire Trademark PSKV, by L. M.  
Kuperman, V. S. Karp, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 1, 1957.

JPRS 7029  
5

Sci

159, 401

Jul 61

Electron Microscope Investigation of the Lysis  
of Botrytis Cinerea and Fusarium Graminearum  
by an Antibiotic Substance Produced by Acti-  
nomycetes, by E. I. Andreyeva, M. E. Kuperman,  
Z. V. Krasilnikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No.  
3, Sep/Oct 1957, p 508.

Amer Inst of Biol Sci

Sci - Med  
Aug 58

69, 303

An Electron Microscope Study of the Action of the Natural Substance From Actinomyces and of Chemical Compounds on the Organism Causing Blackarm Disease of Cotton - *Pseudomonas Malvacearum* E. Smith, by E. I. Andreyeva, M. E. Kuperman, Z. V. Krasilnikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 5, 1957,  
pp 1031, 1032.

Amer Inst of Phys

Sci - Biology  
Apr 58

61,782

Electron-Microscope Investigation of the Structure  
of Phosphorites of the Kara-Tau Basin, by M. L.  
Chepelevetskiy, B. M. Gimmel'farb, M. E. Kuperman,  
Z. V. Krasil'nikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,  
1958, pp 133--.

Consultants Bureau

Sci - Chem

Jun 59

88,668

Large-capacity coke ovens for the coking of  
Kuznetsk coals  
By P. I. Kuperman, Yu. K. Nikitin pp. 6

RUSSIAN, per, Koks i Khim, No 12, 1962

CTRA

3401724

Sci

Jul 63

New Data on Vertical Shrinkage in Charges of  
Kuznetsk Coals, by P. I. Kuperman, S. I. Sukhenko  
4 pp.

RUSSIAN, per, Koks i Khimiya, No 4, 1960.

Coal Tar Research Assoc

Sci  
Oct 60

128,606

The Milling of Annular Grooves in Housings of  
Hydraulic Distributors, by T. L. Kuperman, 4 pp.

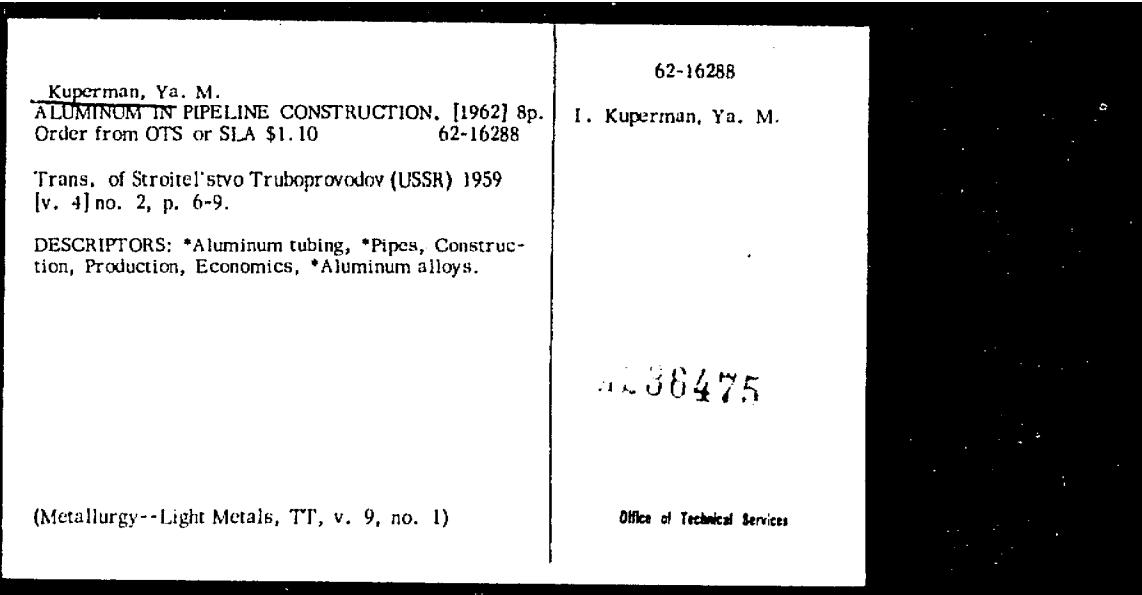
RUSSIAN, per, Stanki i Instrument, Vol XXXII,  
No 3, 1961, pp 33-34.

PERA

Sci

Jan 62

177, 821



(NY-5085)

УПР-1 Equipment for Remote Control of  
Amplifeir Substation, by Ye. I. Kuperman,  
B. K. Beranovskiy, 11 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1957.

JNRC 7026

Sci  
Jun 61

156/68P

To Be Remembered and Considered  
By Lt Col Z. Kuperman, ~~24P~~

RUSSIAN, per, Voyenny Vestnik, No 4, 1963.

ACSLI-1614-0  
ID 2201421

Sci

Aug 63

342, SV3

What Causes the Errors While Firing, by  
Z. Kuperman, 7 pp.

RUSSIAN, per, Voennyy Vest, No 10, 1951, pp 36- 39.

CIA/FID/X-1673

24,788

USER  
Military -

(NY-7154)

ON THE PROBLEM OF NONLINEARITY OF THE ELECTRIC  
CHARACTERISTICS OF THE IONOSPHERE, BY  
L. P. KUPEROV, 5 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,  
NO 9, 1960, PP 59-61.

JPRS 14620

SCI - GEOPHYS  
AUG 62

205,741

Radio Communication of the Northern Hemisphere  
With Antarctic at High Frequencies of Short  
Wave Range, by L. P. Kuperov. 4 pp.  
RUSSIAN, per, Sovetskaya Antarkticheskaya  
Ekspeditsiya, 1955. Informatsionnyy Bulletin,  
No 58, 1966, pp 53-55.  
AII/FTD/MT-23-61-68

71

L.P. Kuperov  
Sci/electronics  
Feb 69

375,492

Observation of Signals from the Third Soviet  
Artificial Earth Satellite, at Cape Chelyuskin, by  
L. P. Kuperov, 9 pp.

RUSSIAN, bk, Iskusstvennyye Sputniki Zemli, No 5,  
1960.

Pleum Press

In CIA Lib  
Sci - Space Res  
Jun 61

153, 456

Coders and Decoders for Pulse-Code Telemetering Systems, by Ia. A. Kupershmidt, 13 pp.

RUSSIAN, per, Avtomatika i Telemekhanika, Vol XIX, No 9, 1958, pp 879-91.

Automation Express  
Vol I, No 5  
Internat'l Physical Index

*Sci* Jun 59 AVAILABLE Be 5

*LIBRARY*

*90, 405*

Modern Trends in the Development of Dispatcher Monitoring on the Basis of Digital Techniques, by  
Yu. Kupershmidt, V.S. Malov, I.M. Shenbrot, ~~1960~~

RUSSIAN, per, Avtomat i Telemekh, Vol XXII, No 7,  
1961, pp 9545

ISA

198,065

Sci  
Apr 62

Preproduction of Absolute & Scales in Multichannel  
Digital Measuring Instruments, by Ya. A. Kopytovskiy,  
S. E.P.

Izdatel'stvo Tekhnika, No 2, 1963, Leningrad.

ISA

Sci.  
Oct 63

242,058

Reproduction of Absolute Scales in Multichannel  
Digital Measuring Instruments  
By Ya. A. Kupershmidt pp. 5

Russian  
per  
Izmeritel'naya Tekhnika, No 2, 1963, pp. 4 - ?

Sci

Oct 63

ISA

240-924

Selection of an Optimum Readout Frequency in Digital  
Measurements  
By Ya. A. Kupershmidt pp 8

RUSSIAN, per. Izmeritel Tekhnika, No 10, 1962  
pp 3-7

Selection of Optimum Parameters for a  
Filter at the Output of a Transducer,  
by V. F. Dmitryev, Ya. A. Kupershmidt, 5 pp.  
RUSSIAN, per, Izmeritel Tekhnika, No 5,  
1962, pp 37-39.

ISA

Sci 232,745  
Dec 62

The Problem of Digital Reproduction of  
Signals of Analogue Telemetry Systems,  
by Val. V. Kavarskikh, 12 pp.

RIGA, RSR, Arbatat i Televizija, Vol. XXII,  
No. 2, 1962, pp. 1650-1657. 30/2023

FDP-RT-61-152

Rei - 807

180, 279

22 Jan 5

Kupershtain, A. P. and Roomere, P. A.  
SEPARATE DETERMINATION OF THE BILIRUBIN  
FRACTIONS IN EPIDEMIC HEPATITIS IN CHILDREN.  
[1963] [12p] 13refs FASEB manuscript no. S 371-2.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24515

Trans. of Laboratornoe Delo (USSR) 1963, v. 8 [i.e. 9]  
no. 9, p. 29-34. (Abstract available)

DESCRIPTORS: \*Hepatitis, \*Liver viruses, Bile  
pigments, \*Bilirubin, \*Children, Diagnosis, Biliary  
system, Diagnostic agents, Obstruction (Physiology)

A modification of Jendrasik's method of determination  
of bilirubin fractions is suggested which allows a much  
smaller volume of serum to be used and greatly  
simplifies the investigation, especially if carried out on  
a large scale. The separate determination of the  
bilirubin fractions gives added information regarding  
(Biological Sciences--Pathology, TT, v. 11, no. 4)  
(over)

TT-63-24515

- I. Kupershtain, A. P.
- II. Roomere, P. A.
- III. FASEB-S-371-2
- IV. Federation of American  
Societies for  
Experimental Biology,  
Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

108154  
Office of Technical Services

Kupetskij, V. N.  
DEEP ATLANTIC WATERS AS A CAUSE OF CERTAIN FEATURES OF THE POLAR CLIMATE  
(Globinnye Atlanticheskie Vody Kak Pritchina Nekotorykh Osobennostei Polaryarnogo Klimata) tr. by  
Charles E. Townsend, Aug 60 [14]p. 22 refs.  
AmMetSoc T-R-319 £; AD-253 558.  
Order from OTS or SLA \$1.60 61-19526

Trans. of Problemy Arktiki (USSR) 1959, no. 6,  
p. 13-21.

DESCRIPTORS: Atlantic ocean, \*Oceanography, Arctic regions, Climate, \*Climate factors, \*Geophysics, \*Water, Temperature, \*Heat, Meteorology.

Climatological data on the polar regions were studied. It was noted that for a multi-annual period, when all chance factors were smoothed out by averaging and (Earth Sciences--Climatology, TT, v. 8, no. 4) (over)

61-19526

- I. Kupetskij, V. N.
- II. AmMetSoc T-R-319
- III. American Meteorological Society, Boston, Mass.
- IV. AD-253 558
- V. Contract AF 19(604)6113

61-19524

Office of Technical Services

Deep Atlantic Waters as a Cause of Certain  
Features of the Polar Climate, by V. N. Kupetskii,  
13 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,  
pp 13-21. 9658935

Amer Meteorol Soc  
AF Cambridge Res Center  
T-R-319

Sci - Geophysics  
Jan 61

136,271

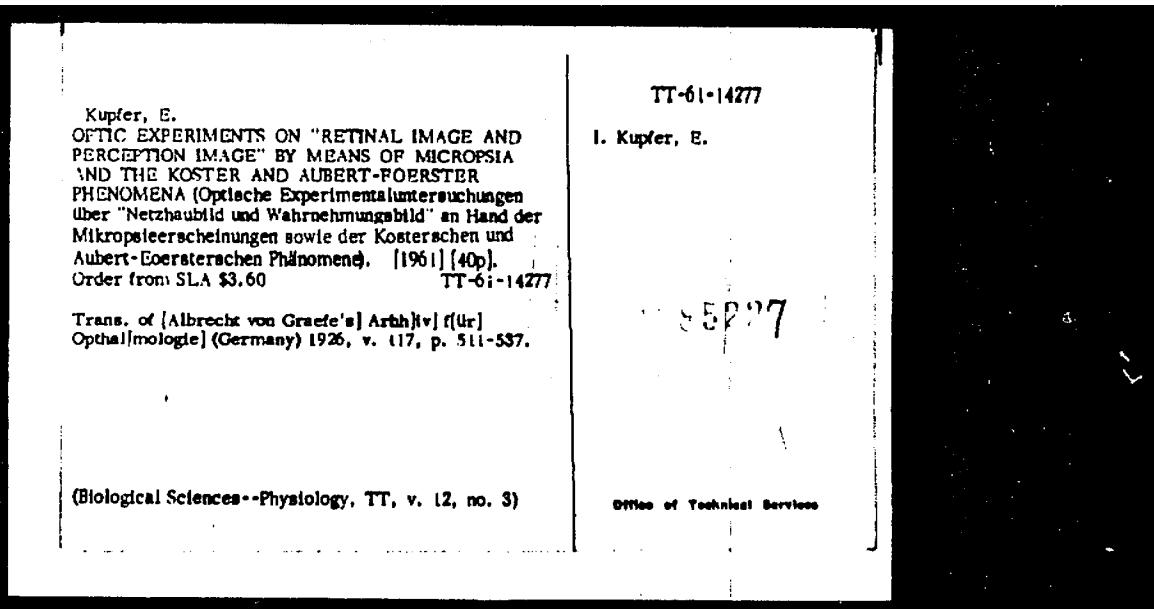
On the Setting of Photogrammetric Models Into the  
Principal Net, by Kunfar, G.

GERMAN, bk, Zur Einpassung Photogrammetrischer Modelle  
in das Landesnetz.

ACIC

Sci - Earth Sci & Astron  
Jan 64

246, 324



Metalurgical and Technological  
Factors Influencing the Formation  
of Tears in Steel Castings,

by R. Kupfer.

U.S.S.R., 1964, XXII International  
Foundry Congress, Amsterdam, Sep 1964. PP 1-10  
SISI 4309

110

R. Kupfer

Sci/edn  
Aug 68

234,698

Long Telephone Subs., and Their Development,  
by A. Ebeling, K. Kupfmuller, 53 pp.

GERMAN, per, Europaischer Fernsprechdienst, No 21,  
Jan 1931, pp 27-47.

SLA Tr 57-2435

Sci

Aug 58

68,681

Balancing Methods of Eliminating Inductive  
Disturbances, by K. Dohmen, K. Kupfmuller, 13 pp.

GERMAN, per, Elektrotech Z, 27 Mar 1924, p 266.

SLA 57-1472

Sci  
May 58

63758

<p>Küpfmüller, K. and Jenik, F. ON THE PROCESSING OF COMMUNICATIONS IN THE NERVE CELL (Über die Nachrichtenverarbeitung in der Nervenzelle). [1961] 21p. 14 refs. Order from SLA \$2.60 61-18318</p> <p>Trans. of Kybernetik (Germany) 1961, v. 1, no. 1, p. 1-6.</p> <p>DESCRIPTORS: *Nervous system, *Cells (Biology), *Cybernetics, *Communication systems, Theory, Computers, Biology, Data transmission systems, Sensory perception, Reasoning, Germany, Physiology, Human engineering, Electrical properties, Neurology, Electronic equipment, Mathematical computer data, Memory devices.</p> <p>An analysis of a model for communications-processing functions of a single neuron shows that even a single (Engineering--Electronic, TT, v. 6, no. 12) (over)</p>	<p>61-18318 I. Küpfmüller, K. II. Jenik, F. <i>Key Jr 3000/APL 801</i></p> <p>Office of Technical Services</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

Relation Between the Quantitative Composition, & the  
Size Factor and the Stability of the Intermetallic  
Phase, by P. I. Kupiakevich.

RUSSIAN, per, Nauk Zap L'vov Univ., Chem Ser, Vol  
XXXIV, No 4, 1951, pp 79-83.

Morris D. Friedman  
MIT Lincoln Lab

Sci - Physics  
Mar 58

60,558

Investigations on Conjugated Systems. CXII. The  
Direction of Hydration of Allylmethylacetylene  
(1-Hexen-4-yne), by B. S. Kargin, A. A. Petrov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12,  
1959, pp 3992-4002.

CB

Sci

Nov 60

133,228

Invention claim in the field of Conjugated Spindle Poly-  
mer. Hydration of Vinylalkylenevinylidene,  
by P. S. Arpin, A. N. Petrov, 7 pp.

Russia, Sov. Zhur Obshch Khim, Vol. XXIX, No. 7,  
1959, pp. 2231-2234.

CC

Sci

Aug 60

124,699

Investigations on Conjugated Systems. CXLIII.  
The Direction of Hydration of Alkylphenylacety-  
lenes, by B. S. Kupin, A. A. Petrov, 7 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 9  
1961, pp 2958-2964.

CB

Sci Oct 62

214,624

Investigations in the Field of Conjugated Systems. XCVII.  
Addition of Alcohols to Vinylalkylacetylenes in the  
Presence of KOH, by B. S. Kupin, A. A. Petrov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4, 1959, pp  
1151-1157

Consultants Bureau

Sci

Jun 60

117, b46

Conjugated Systems. CVIII. Synthesis and Properties of Some Alkylisocalkenyl-Acetylenes and Higher Homologs, of Vinylalkylacetylenes,  
by A. A. Petrov, B. S. Kupin, T. V. Yakovleva,  
K. S. Mingaleva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11,  
1959, pp 3732-3737.

CB

Sci  
Nov 60

132, C 9C

Investigations on Conjugated Systems. CIX. The  
Direction of Hydration of Isopropenylalkylacetylenes,  
by B. S. Kupin, A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11,  
1959, pp 3738-3741.

CB

Sci  
Nov 60

132, 697

Order of Addition of Water and Alcohols to  
Vinylalkylacetyles, by A. A. Petrov,  
B. S. Kargin, 2 pp.

EMERAS, per, Zhur Goschek Khim (УЖХ),  
vol XXVII, pp 1999-2000.

Assoc Tech Br  
13027B

AT&T R&D Lab

Sci - Chem  
Apr 59  
OSS, v. I, No 5

83-911

Static Method for Determination of the Vapor Pressure  
of ... a Solution, by N. A. Kupina, A. A. Ravdel,  
3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 9, 1957,  
pp 1405-1407.

Consultants Bureau

Sci - Chem

Dec 58

77,739

Kinetics and Mechanism of the Reaction of Active Chlorine With Organic Compounds. VIII. The Oxidation of Formic Acid in Almost Neutral and Basic Solutions, by E. A. Shilov, A. I. Slyndnev, G. V. Kupinskaya, 8 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Obshch Khim, No 9, 1952,  
pp 1497-1505.

Consultants Bureau

Scientific - Chemistry

CTS/DMX

17,013

Kinetics of the Addition of Hypochlorous Acid to  
Molecules With Only Slightly Active Double  
Bonds, by E. A. Shilov, G. V. Kupinskaya, A. A.  
Yasnikov

RUSSIAN, per, Dok Ak Nauk SSSR, 1951, Vol LXXXI,  
No 3, pp 435-438.

D.S.I.R. Tr No CTS 3

File No. (S.C. 74)

1074

Scientific - Chemistry  
List No 49, Apr 1953

allie no. 337

The Effect of the Forutilin (Vitamin T Goetzach)  
on the Bronchial Constriction of Guinea Pigs  
caused by Mixts of Histamine, by E. Kupka,  
E. U. Gubler, 5 p.

AUSTRIAN, per, Zeitschrift fur Vitamin- Hormon-  
und Fermentforschung, 1948/1949, Vol II, No 5/6,  
pp 403-407.

SLA 59-17192

Sci  
Dec 59  
Vol 2, No 6

104,228

